

28th Seismic Research Review



SRR



of Ground-Based Nuclear Explosion Monitoring Technologies

Orlando, Florida - September 19-21, 2006

DETAILED FORMAT INSTRUCTIONS FOR ABSTRACTS AND PAPERS

The easiest way to format your abstract or paper is to download the template that matches your application from the conference web site <https://www.nemre.nnsa.doe.gov/cgi-bin/prod/review2006/index.cgi?Page=Abstracts/Papers>, highlight the relevant section, and replace with your text. A description of the format is provided here.

Basic format instructions

Abstract	One page only including heading information. It is the first page of your paper and should NOT have the Objectives heading on it.
Acronyms	Acronyms are to be spelled out at first occurrence, whether in the abstract or paper. Please refer to the list of acronyms, compiled from prior year proceedings, to check for the correct spelling-out of acronyms. Click https://www.nemre.nnsa.doe.gov/prod/review2006/fileshare/acronyms.pdf to access the acronym list.
Country Names	Avoid using country names for geo-location purposes. Instead, use geophysical names (e.g., names of regions, mountain ranges, or plateaus) wherever possible.
Font	Times New Roman 10 point.
Hyphenation	Avoid hyphenation at the end of a line of text. Keep words and linguistic phrases (including numbers and their units) together on a single line. Numbers and their units should not be hyphenated.
Key words	None. It is not necessary because the text is searchable online and on the CD.
Main sections	<p><i>Heading Information</i> (top of page 1) = Title, Authors, Affiliation, Sponsored by, and Contract No.</p> <p><u>ABSTRACT</u> (page 1)</p> <p><u>OBJECTIVES</u> (begin page 2)</p> <p><u>RESEARCH ACCOMPLISHED</u></p> <p><u>CONCLUSIONS AND RECOMMENDATIONS</u></p> <p><u>ACKNOWLEDGEMENTS</u> (optional, but recommended)</p> <p><u>REFERENCES</u></p> <p>Main headings are bold, uppercase, and underlined, as shown above. Any additional sub-headings are bold with initial caps only, and not underlined..</p>
Margins	Left, 1 inch (2.5 cm); Right, 1 inch (2.5 cm); Top, 1 inch (2.5 cm), bottom 1 inch (2.5 cm). Note: It is very important that you adhere to these margins or our Proceedings' header and footer will interfere with your images and/or text.

Page dimensions	8.5 inches by 11 inches (21 cm x 28 cm). Non-US submitters, please note, your country's paper size is likely different from US paper size, so it is very important that you set up your pages with these dimensions, or you risk losing the last few lines of text on your pages. In Word, choose Letter Size (deselect A4) under Paper Size in the Page Setup submenu of the File menu.
Page numbers	None. Do not number pages. They will be numbered when the proceedings are compiled.
Paper	Includes Abstract with the “Objectives” heading beginning on page 2. It must follow the format description below and should be no more than 10 pages.
Treaty citations	Please refer to nuclear explosion monitoring unless you are referring to a specific treaty. If you refer to the CTBT, note that the correct name and spelling (hyphenated) is Comprehensive Nuclear-Test-Ban Treaty, and the acronym is CTBT.

Following is a description of the abstract/paper format, section by section, in order of occurrence in the final product of the combined abstract and paper (location of figures and tables is at authors’ discretion).

PAGE ONE (1) - Heading:	
Title	All caps, bold, centered. If title length is more than one line, break lines to form natural phrases. See example below.
Blank line	
Authors	Normal type, initial caps, centered. Full first name, middle initial, last name, with the word “and” inserted before the last author's name. If only two authors, do not place a comma before the word “and.” If more than two, place a comma before the word “and.” If authors are from different organizations, use superscript 1, 2, etc. after the author's name and after the organization to match authors with relevant organizations. See example.
Blank line	
Authors' affiliation	Normal type, initial caps, centered. Complete name of organization only (no divisions, addresses, acronyms, etc.). If only two organizations, do not place a comma before the word “and.” If more than two, place a comma before the word “and.” If authors are from different organizations, use superscript 1, 2, etc. after author's name and after organization to match authors with relevant organization. See example.
Blank line	
Sponsor	<p>Normal type, initial caps, centered (choose one from below and copy and paste into your document).</p> <p style="text-align: center;">Sponsored by Air Force Research Laboratory</p> <p style="text-align: center;">Sponsored by Air Force Technical Applications Center</p> <p style="text-align: center;">Sponsored by Army Space and Missile Defense Command</p> <p style="text-align: center;">Sponsored by Comprehensive Nuclear-Test-Ban Treaty Organization</p> <p style="text-align: center;">Sponsored by National Nuclear Security Administration Office of Nonproliferation Research and Development Office of Defense Nuclear Nonproliferation</p> <p style="text-align: center;">Sponsored by United Kingdom Ministry of Defense</p> <p style="text-align: center;">Sponsored by United States Geological Survey</p> <p>If project is sponsored by more than one organization, list all that apply. If there are only two organizations, do not place a comma before the word “and.” If more than two, place a comma before the word “and.” See example.</p>
Blank line	
Contract No.	Normal type, initial caps, centered. List all contract numbers, but not the subcontract numbers. Then place superscripts after the contract numbers that match the superscript of the performing organizations that work on that contract and its subcontracts. If only two contracts, do not place a comma before the word “and.” If more than two, place a comma before the word “and.” See example.
Example of Heading for Abstract/Paper	<p style="text-align: center;">BUILDING THE KNOWLEDGE BASE: TRANSITIONING SCIENCE FROM RESEARCH TO OPERATIONS</p> <p style="text-align: center;">Charles J. Ammon¹, Minnoo Kosarian¹, Robert B. Herrmann², Michail E. Payanos³, William R. Walter³, and Hrvoje Tkalcić³</p> <p style="text-align: center;">Penn State University¹, Saint Louis University², and Lawrence Livermore National Laboratory³</p> <p style="text-align: center;">Sponsored by Air Force Research Laboratory² and National Nuclear Security Administration^{1,3} Office of Nonproliferation Research and Development Office of Defense Nuclear Nonproliferation</p> <p style="text-align: center;">Contract Nos. DE-FAC03-02/SF22498¹, DTRA01-02-C-0038², and W-7405-ENG-48³</p>

Two blank lines	
<u>ABSTRACT</u>	Bold, all caps, underlined flush left, no colon or punctuation of any kind. (Abstract and heading on page one by itself.)
Blank line	
Body of abstract	Flush left, ragged right margin, single-spaced, no indents for beginning of paragraphs, blank line between paragraphs. Abstract should be no longer than to the end of the first page. No organizational disclaimers, tag lines, key words, or references.

BEGIN PAGE TWO (2)	
<u>OBJECTIVES</u>	Bold, all caps, underlined, flush left, no punctuation. If you have a single objective, the title of this section in your paper is “Objective.” If you have multiple objectives, the title of this section in your paper is “Objectives.”
Blank line	
Body of objective	Flush left, ragged right margin, single-spaced, no indents for beginning of paragraphs, blank line between paragraphs. Succinctly state the objective of the research described in the paper.
Blank line	
<u>RESEARCH ACCOMPLISHED</u>	Bold, all caps, underlined, flush left, no punctuation.
Blank line	
Body of research accomplished	Flush left, ragged right margin, single-spaced, no indents for beginning of paragraphs, blank line between paragraphs. Describe the research accomplished with emphasis on results since the last seismic review or fiscal year.
Table titles	Bold. Use Arabic numerals. First line flush left; subsequent lines indented 0.5 inch (1.3 cm), single-spaced, ragged right margin. Initial cap only. Table title goes above table. Example: Table 1. Data types integrated by the NNSA program, integration performed, and end products
Figure captions	Bold. Do not abbreviate the word “ Figure .” Use Arabic numerals. First line of caption flush left; subsequent lines indented 0.5 inch (1.3 cm), single-spaced, ragged right margin. Initial cap only. Figure caption goes under figure. Example: Figure 1. USNDC ground-based sensor data collection and transmission (from USNDC web site: http://www.tt.aftac.gov/overview.html).
Figures	Please convert your figures to a format that uses the least amount of memory possible before inserting into your document. Memory-intensive figures make your document difficult to open and may drop or distort some of the figures. GIF files can be inserted into a Word document using the Insert/Picture/From File menu. If you are working in FrameMaker, be sure to select “Copy Into Document,” not “Insert By Reference.” Selecting “Insert By Reference” will result in the figure displaying as a grey box.
Blank line	
<u>CONCLUSIONS AND RECOMMENDATIONS</u>	Bold, all caps, underlined, flush left, no punctuation.
Blank line	
Body of conclusions and recommendations	Flush left, ragged right margin, single-spaced, no indents for beginning of paragraphs, blank line between paragraphs. Summarize or succinctly restate the conclusions and recommendations of your research reported in the paper.
Blank line	
<u>ACKNOWLEDGEMENTS</u>	Bold, all caps, underlined, flush left, no punctuation.
Blank line	
Body of acknowledgements	Flush left, ragged right margin, single-spaced, no indents for beginning of paragraphs, blank line between paragraphs. This section is optional (but recommended). Do not restate the sponsor and/or contract number in this section , which would be a repetition of heading information. Rather, take the opportunity to thank contributors, particularly unpaid

	reviewers, or those who inspired you in your research.
Blank line	
REFERENCES	Bold, all caps, underlined, flush left, no punctuation.
Blank line	
Body of references	List alphabetically by first author's last name. Do not list "personal communication" as a reference; put a statement in the acknowledgement instead, if appropriate. Do not reference or provide links to internal documents. First line flush left; subsequent lines indented 0.5 inch (1.3 cm), normal type, ragged right margin. First letter of major words in titles of articles, journals, and books capitalized. First author = last name first, then first name, then middle initial. Subsequent authors in natural order: first name and middle initial, then last name. If only two authors, no comma between names; if three or more authors, comma after the next-to-last author. Multiple works by the same author should be arranged by title of paper. Books and journals in italics. Example:
Books	Doe, J. A., C. D. Smith, and J. B. Doe (2004). <i>Wax Engraving and its Influences on Cartography</i> . Chicago: University of Chicago Press.
Journals	Ammon, C. J., G. E. Randall, and G. Zandt (1990). On the nonuniqueness of receiver function inversions, <i>J. Geophys. Res.</i> 95: 15303-15318.
Citing references in the text	as shown by Hermann (1996). ... as discussed by Ammon et al. (1990). ... has been demonstrated previously (Hermann, 1996). ... as presented by Miley et al. (2006, these Proceedings).
SRR Proceedings References	<i>(Copy and paste into your reference replacing generic descriptions with actual data)</i> Doe, J. A., C. D. Smith, and J. B. Doe (2006). Enter the name of the referenced SRR Paper here, in <i>Proceedings of the 28th Seismic Research Review: Ground-Based Nuclear Explosion Monitoring Technologies</i> , LA-UR-06-XXXX, Vol. #, pp. #-# Doe, J. A., C. D. Smith, and J. B. Doe (2005). Enter the name of the referenced SRR Paper here, in <i>Proceedings of the 27th Seismic Research Review: Ground-Based Nuclear Explosion Monitoring Technologies</i> , LA-UR-05-6407, Vol. #, pp. #-# Doe, J. A., C. D. Smith, and J. B. Doe (2004). Enter the name of the referenced SRR Paper here, in <i>Proceedings of the 26th Seismic Research Review: Trends in Nuclear Explosion Monitoring</i> , LA-UR-04-5801, Vol. #, pp. #-# Doe, J. A., C. D. Smith, and J. B. Doe (2003). Enter the name of the referenced SRR Paper Here, in <i>Proceedings of the 25th Seismic Research Review - Nuclear Explosion Monitoring: Building the Knowledge Base</i> , LA-UR-03-6029, Vol. #, pp. #-#. Doe, J. A., C. D. Smith, and J. B. Doe (2002). Enter the name of the referenced SRR Paper here, in <i>Proceedings of the 24th Seismic Research Review - Nuclear Explosion Monitoring: Innovation and Integration</i> , LA-UR-02-5048, Vol. #, pp. #-#. Doe, J. A., C. D. Smith, and J. B. Doe (2001). Enter the name of the referenced SRR Paper here, in <i>Proceedings of the 23rd Seismic Research Review: Worldwide Monitoring of Nuclear Explosions</i> , LA-UR-01-4454, Vol. #, pp. #-#. Doe, J. A., C. D. Smith, and J. B. Doe (2000). Enter the name of the referenced SRR Paper here, in <i>Proceedings of the 22nd Annual DoD/DOE Seismic Research Symposium: Planning for Verification of and Compliance with the Comprehensive Nuclear-Test-Ban Treaty (CTBT)</i> , Vol. pp. #-#. Doe, J. A., C. D. Smith, and J. B. Doe (1999). Enter the name of the referenced SRR Paper here, in <i>Proceedings of the 21st Seismic Research Symposium: Technologies for Monitoring the Comprehensive Nuclear-Test-Ban Treaty</i> , LA-UR-99-4700, Vol. # pp. #-#. For a reference in current Proceedings: Doe, J. A., C. D. Smith, and J. B. Doe (2006). Enter the name of the referenced SRR Paper here, in current Proceedings.